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## Department of Agriculture

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### Memorandum

To: Retail Motor Fuel Establishments

Through: Lanny Arnold  
Assistant Director  
Regulation and Inspection

From: Tom Bloemer  
Administrative Branch Manager  
Weights and Measures Branch

Date: August 31, 2005

Re: Retail Price Computations

Our office has received several inquiries regarding retail motor fuel pricing. Please be advised that “half pricing” or pricing other than that which displays and computes the total purchase price **is prohibited by state and federal law**.

Devices which will not compute with a total unit price above 2.999 must be modified to allow for the higher per unit pricing **before** they are placed into service. Devices found in violation of these requirements will be taken out of service until which time as they have been modified.

#### **S.1.6.5. Money-Value Computations.**

- (a) *A computing device shall compute the total sales price at any single-purchase unit price (i.e., excluding fleet sales, other price contract sales, and truck stop dispensers used only to refuel trucks) for which the product being measured is offered for sale at any delivery possible within either the measurement range of the device or the range of the computing*

elements, whichever is less.  
January 1, 1991]

[Effective and nonretroactive as of

- (b) The analog sales price indicated for any delivered quantity shall not differ from a mathematically computed price (quantity x unit price = total sales price) by an amount greater than the value in Table 1.  
(Amended 1984, 1989, and 1993)

**S.1.6.5.1. Money-Value Divisions, Analog.** - The values of the graduated intervals representing money values on a computing type device shall be no greater than those in Table 1.  
(Amended 1991)

<b>Table 1. Money-Value Divisions and Maximum Allowable Variations for Money-Value Computations on Mechanical Analog Computers</b>				
<b>Unit Price</b>		<b>Money Value Division</b>	<b>Maximum Allowable Variation</b>	
<b>From</b>	<b>To and includ- ing</b>		<b>Design Test</b>	<b>Field Test</b>
0	0.25/liter or \$1.00/gallon	1¢	± 1¢	± 1¢
0.25/liter or \$1.00/gallon	0.75/liter or \$3.00/gallon	1¢ or 2¢	± 1¢	± 2¢
0.75/liter or \$3.00/gallon	2.50/liter or \$10.00/gallon	1¢ or 2¢	± 1¢	± 2¢
0.75/liter or \$3.00/gallon	2.50/liter or \$10.00/gallon	5¢	± 2 1/2¢	± 5¢

Thank you for your assistance in this matter. Any questions should be directed to the Weights and Measures Branch at 502-573-0282.